

## From One Form to Another

### Lesson Review

Use the phrases in the box below to label the changes in energy forms. **Some questions have more than one type of energy change!**

electrical to sound	radiant to chemical	thermal to mechanical
chemical to thermal	mechanical to electrical	electrical to light
radiant to light	electrical to mechanical	

- \_\_\_\_\_ 1. Plants use energy from the sun in the process of photosynthesis to make food for themselves.
- \_\_\_\_\_ 2. Solar panels placed on the top of a roof use the sun's energy to heat water for a swimming pool.
- \_\_\_\_\_ 3. A lamp is plugged into a wall socket. Once the lamp is turned on, both light and heat come from the lamp.
- \_\_\_\_\_ 4. The spinning turbine inside a hydroelectric plant generates electricity.
- \_\_\_\_\_ 5. Some furnaces burn coal to heat buildings.
- \_\_\_\_\_ 6. An alarm clock begins to beep and the radio turns on. The display shows that it is 7:00 a.m.
- \_\_\_\_\_ 7. Water is heated until it becomes steam. The pressure of the steam turns a turbine or generator.
- \_\_\_\_\_ 8. Plug a fan into a wall socket. Turn on the fan and the blades begin to spin.